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## **Exhibit 3**

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as of: March 5, 2019

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
AM- 400	Fuel Components, Fuel Compositions and Methods of Making and Using the Same	US 11/753,586	US 7,854,774	2010-12-21	2028-03-28
AM- 500	Production of Isoprenoids	US 11/754,235	US 7,659,097	2010-02-09	2027-12-24
AM- 500 C2	Production of Isoprenoids	US 13/848,045	US 9,200,296	2015-12-01	2028-01-11
AM- 500 C3	Production of Isoprenoids	US 14/921,905	US 10,106,822	2018-10-23	2027-05-25
AM- 500 AU	Production of Isoprenoids	AU 2007267033	AU 2007267033	2012-09-06	2027-05-25
AM- 500 AU D1	Production of Isoprenoids	AU 2012202630	AU 2012202630	2014-05-01	2027-05-25
AM- 500 BR	Production of Isoprenoids	BR PI0713105-4	BR PI0713105-4	2019-01-15	2029-01-15
AM- 500 CA	Production of Isoprenoids	CA 2,651,747	CA 2,651,747	2017-10-24	
AM- 500 CN	Production of Isoprenoids	CN 200780019353.4	CN ZL200780019353.4	2013-03-27	2027-05-25
AM- 500 EP D1	Production of Isoprenoids	EP 15200471.9			
AM- 500 EP-CH	Production of Isoprenoids	EP 07797800.5	EP 2024504	2016-02-24	2027-05-25
AM- 500 EP-DE	Production of Isoprenoids	EP 07797800.5	EP 2024504	2016-02-24	2027-05-25
AM- 500 EP-DK	Production of Isoprenoids	EP 07797800.5	EP 2024504	2016-02-24	2027-05-25
AM- 500 EP-FR	Production of Isoprenoids	EP 07797800.5	EP 2024504	2016-02-24	2027-05-25
AM- 500 EP-GB	Production of Isoprenoids	EP 07797800.5	EP 2024504	2016-02-24	2027-05-25
AM- 500 EP-NL	Production of Isoprenoids	EP 07797800.5	EP 2024504	2016-02-24	2027-05-25
AM- 500 IN	Production of Isoprenoids	IN 9907/DELNP/2008	IN 268805	2015-09-18	2027-05-25
AM- 500 KR	Production of Isoprenoids	KR 10-2008-7029580	KR 1417146	2014-06-30	2027-05-25
AM- 500 MX	Production of Isoprenoids	MX/a/2008/014909	MX 284139	2011-02-18	2027-05-25
AM- 500 MY	Production of Isoprenoids	MY PI20084571	MY 146612-A	2012-09-14	2027-05-25
AM- 500 SG	Production of Isoprenoids	SG 200808367-7	SG 147734	2011-08-31	2027-05-25
AM- 500 VN	Production of Isoprenoids	VN 1-2008-02948	VN 9835	2011-11-16	2027-05-25

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AM- 500 VN D1	Production of Isoprenoids	VN 1-2011-02981			
AM- 500 ZA	Production of Isoprenoids	ZA 2008/09621	ZA 2001/09621	2011-04-28	2027-05-25
AM- 700	Apparatus for Making a Bio-Organic Compound	US 11/807,048	US 9,765,363	2017-09-19	2028-12-15
AM- 700 AU	Apparatus for Making a Bio-Organic Compound	AU 2007267913	AU 2007267913	2013-05-09	2027-05-25
AM- 700 BR	Apparatus for Making a Bio-Organic Compound	BR PI0712508-9	BR PI0712508-9	2018-04-10	2028-04-10
AM- 700 CA	Apparatus for Making a Bio-Organic Compound	CA 2,652,801	CA 2,652,801	2018-05-22	
AM- 700 CN	Apparatus for Making a Bio-Organic Compound	CN 200780028412.4			
AM- 700 EP-DE	Apparatus for Making a Bio-Organic Compound	EP 07777278.8	EP 2021486	2014-10-29	2027-05-25
AM- 700 EP-DK	Apparatus for Making a Bio-Organic Compound	EP 07777278.8	EP 2021486	2014-10-29	2027-05-25
AM- 700 EP-ES	Apparatus for Making a Bio-Organic Compound	EP 07777278.8	EP 2021486	2014-10-29	2027-05-25
AM- 700 EP-FR	Apparatus for Making a Bio-Organic Compound	EP 07777278.8	EP 2021486	2014-10-29	2027-05-25
AM- 700 EP-GB	Apparatus for Making a Bio-Organic Compound	EP 07777278.8	EP 2021486	2014-10-29	2027-05-25
AM- 700 EP-IT	Apparatus for Making a Bio-Organic Compound	EP 07777278.8	IT 502015902326819	2014-10-29	2027-05-25
AM- 700 HK	Apparatus for Making a Bio-Organic Compound	HK 09102854.2	HK 1122595	2015-02-18	2027-05-25
AM- 700 ID	Apparatus for Making a Bio-Organic Compound	ID W00200803809	IDP000035924	2014-04-30	2027-05-25
AM- 700 JP D3	Apparatus for Making a Bio-Organic Compound	JP 2015-157021			
AM- 700 KR	Apparatus for Making a Bio-Organic Compound	KR 10-2008-7031413	KR 10-1420889	2014-07-11	2027-05-25
AM- 700 MX	Apparatus for Making a Bio-Organic Compound	MX/a/2008/014970	MX 293430	2011-12-09	2027-05-25
AM- 700 MY	Apparatus for Making a Bio-Organic Compound	MY PI20084768	MY 163029-A	2017-07-31	
AM- 700 SG	Apparatus for Making a Bio-Organic Compound	SG 200808725-6	SG 148288	2011-06-30	2027-05-25
AM- 700 VN	Apparatus for Making a Bio-Organic Compound	VN 1-2008-03155	VN 15060	2016-01-11	2027-05-25
AM- 700 ZA	Apparatus for Making a Bio-Organic Compound	ZA 2008/09957	ZA 2008/09957	2010-08-10	2027-05-25
AM- 800	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	US 11/869,673	US 7,399,323	2008-07-15	2027-10-09

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AM- 800 AU	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	AU 2007308137	AU 2007308137	2011-07-14	2027-10-10
AM- 800 BR	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	BR PI0719659-8			
AM- 800 CA	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	CA 2,665,198	CA 2,665,198	2016-06-28	2027-10-10
AM- 800 CN	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	CN 200780045575.3	CN ZL200780045575.3	2015-08-26	2027-10-10
AM- 800 CO	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	CO 09040600	CO 2725	2013-01-28	2027-10-10
AM- 800 EP-DE	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	EP 07839526.6	DE 60 2017 049 262.0	2016-12-21	2027-10-10
AM- 800 EP-FR	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	EP 07839526.6	EP 2084249	2016-12-21	2027-10-10
AM- 800 EP-GB	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	EP 07839526.6	EP 2084249	2016-12-21	2027-10-10
AM- 800 GT	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	GT A-2009-0078			

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AM- 800 HK	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	HK 20090107399	HK 1127510	2018-01-05	2027-10-10
AM- 800 HN	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	HN 2009-000616	HN 5123, Folio 75, vol XII	2011-11-29	2027-10-10
AM- 800 IN	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	IN 2382/CHENP/2009	IN 288724	2017-10-30	2027-10-10
AM- 800 JP	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	JP 2009-532447	JP 5528110	2014-04-25	2027-10-10
AM- 800 KR	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	KR 10-2009-7009520	KR 10-1543777	2015-08-05	2027-10-10
AM- 800 MX	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	MX/a/2009/003715	MX 285041	2011-03-25	2027-10-10
AM- 800 MY	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	MY PI20091396	MY 145076-A	2011-12-15	2027-10-10
AM- 800 MZ	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	MZ 152/2009	MZ 152/2009	2012-12-27	2027-10-10
AM- 800 NI	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	NI 2009-000047	NI 2068 RPI	2011-10-27	2027-10-10

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AM- 800 SG	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	SG 200902252-6	SG 151535	2012-07-31	2027-10-10
AM- 800 SV	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	SV 2009007776	SV E-3208-2009	2016-04-15	2027-10-10
AM- 800 TT	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	TT/A/2009/00087	TT/P/2015/00047	2015-06-17	2027-10-10
AM- 800 VN	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	VN 1-2009-00933	VN 11469	2013-06-10	2027-10-10
AM- 800 ZA	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	ZA 2009/02205	ZA 2009/02205	2010-09-29	2027-10-10
AM- 801	Fuel Compositions Comprising Farnesane and Farnesane Derivatives and Method of Making and Using the Same	US 11/973,901	US 7,846,222	2010-12-07	2029-04-12
AM- 900	Jet Fuel Compositions and Methods of Making and Using the Same	US 11/986,484	US 7,942,940	2011-05-17	2030-03-16
AM- 900 AU	Jet Fuel Compositions and Methods of Making and Using the Same	AU 2007353411	AU 2007353411	2011-12-01	2027-11-20
AM- 900 CA	Jet Fuel Compositions and Methods of Making and Using the Same	CA 2,670,307	CA 2,670,307	2013-06-25	2027-11-20
AM- 900 CN	Jet Fuel Compositions and Methods of Making and Using the Same	CN 200780050238.3	CN ZL200780050238.3	2016-01-20	2027-11-20
AM- 900 ZA	Jet Fuel Compositions and Methods of Making and Using the Same	ZA 2009/03365	ZA 2009/03365	2010-08-25	2027-11-20
AM-1200	Jet Fuel Compositions and Methods for Making and Using the Same	US 11/986,485	US 7,935,156	2011-05-03	2030-02-17

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AM-1200 AU	Jet Fuel Compositions and Methods for Making and Using the Same	AU 2007352386	AU 2007352386	2012-01-25	2027-11-20
AM-1200 CN	Jet Fuel Compositions and Methods for Making and Using the Same	CN 200780050177.0	CN ZL200780050177.0	2013-04-17	2027-11-20
AM-1200 ZA	Jet Fuel Compositions and Methods for Making and Using the Same	ZA 2009/03366	ZA 2009/03366	2010-10-27	2027-11-20
AM-1400	Production of Isoprenoids	US 12/234,589			
AM-1400 AU	Production of Isoprenoids	AU 2008305655	AU 2008305655	2014-02-13	2028-09-19
AM-1400 BR	Production of Isoprenoids	BR PI0816951-9			
AM-1400 CA	Production of Isoprenoids	CA 2,700,211			
AM-1400 EP-CH	Production of Isoprenoids	EP 08832899.2	EP 2217711	2015-08-26	2028-09-19
AM-1400 EP-DE	Production of Isoprenoids	EP 08832899.2	EP 2217711	2015-08-26	2028-09-19
AM-1400 EP-DK	Production of Isoprenoids	EP 08832899.2	EP 2217711	2015-08-26	2028-09-19
AM-1400 EP-FR	Production of Isoprenoids	EP 08832899.2	EP 2217711	2015-08-26	2028-09-19
AM-1400 EP-GB	Production of Isoprenoids	EP 08832899.2	EP 2217711	2015-08-26	2028-09-19
AM-1400 EP-IE	Production of Isoprenoids	EP 08832899.2	EP 2217711	2015-08-26	2028-09-19
AM-1400 EP-NL	Production of Isoprenoids	EP 08832899.2	EP 2217711	2015-08-26	2028-09-19
AM-1400 IN	Production of Isoprenoids	IN 2183/CHENP/2010	IN 281883	2017-03-28	2028-09-19
AM-1400 MX	Production of Isoprenoids	MX/a/2010/002990	MX 302107	2012-08-08	2028-09-19
AM-1400 ZA	Production of Isoprenoids	ZA 2010/02000	ZA 2010/02000	2011-05-25	2028-09-19
AM-1700	Methods of Monitoring Metabolic Pathways	US 12/361,478	US 8,450,080	2013-05-28	2031-07-22
AM-1900	Jet Fuel Compositions and Methods of Making and Using the Same	US 12/431,769	US 7,671,245	2010-03-02	2029-04-29
AM-1900 AU	Fuel Compositions Comprising an Amorphane or a Stereoisomer Thereof and Methods of Making and Using Same	AU 2009243064	AU 2009243064	2013-12-19	2029-04-29
AM-1900 BR	Fuel Compositions Comprising an Amorphane or a Stereoisomer Thereof and Methods of Making and Using Same	BR PI0911865-9	BR PI0911865-9	2017-08-22	2029-04-29

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
AM-1900 EP-DE	Fuel Compositions Comprising an Amorphane or a Stereoisomer Thereof and Methods of Making and Using Same	EP 09739748.3	EP 2288675	2013-06-12	2029-04-29
AM-1900 EP-FR	Fuel Compositions Comprising an Amorphane or a Stereoisomer Thereof and Methods of Making and Using Same	EP 09739748.3	EP 2288675	2013-06-12	2029-04-29
AM-1900 EP-GB	Fuel Compositions Comprising an Amorphane or a Stereoisomer Thereof and Methods of Making and Using Same	EP 09739748.3	EP 2288675	2013-06-12	2029-04-29
AM-1900 ZA	Fuel Compositions Comprising an Amorphane or a Stereoisomer Thereof and Methods of Making and Using Same	ZA 2010/07910	ZA 2010/07910	2012-02-29	2029-04-29
AM-1901	Jet Fuel Compositions and Methods of Making and Using the Same	US 12/432,733	US 8,106,247	2012-01-31	2030-06-12
AM-2100	Farnesene Interpolymers	US 12/552,282	US 8,217,128	2012-07-10	2029-07-23
AM-2100 AU	Farnesene Interpolymers	AU 2009288676	AU 2009288676	2013-08-22	2029-09-03
AM-2100 BR	Farnesene Interpolymers	BR PI0918225-0			
AM-2100 CA	Farnesene Interpolymers	CA 2,735,257	CA 2,735,257	2017-02-28	2029-09-03
AM-2100 CN	Farnesene Interpolymers	CN 200980138182.6	CN ZL200980138182.6	2012-11-21	2029-09-03
AM-2100 EP-CH	Farnesene Interpolymers	EP 09789249.1	EP 2328943	2012-01-25	2029-09-03
AM-2100 EP-DE	Farnesene Interpolymers	EP 09789249.1	EP 2328943	2012-01-25	2029-09-03
AM-2100 EP-ES	Farnesene Interpolymers	EP 09789249.1	EP 2328943	2012-01-25	2029-09-03
AM-2100 EP-FR	Farnesene Interpolymers	EP 09789249.1	EP 2328943	2012-01-25	2029-09-03
AM-2100 EP-GB	Farnesene Interpolymers	EP 09789249.1	EP 2328943	2012-01-25	2029-09-03
AM-2100 EP-IE	Farnesene Interpolymers	EP 09789249.1	EP 2328943	2012-01-25	2029-09-03
AM-2100 EP-IT	Farnesene Interpolymers	EP 09789249.1	EP 2328943	2012-01-25	2029-09-03
AM-2100 EP-NL	Farnesene Interpolymers	EP 09789249.1	EP 2328943	2012-01-25	2029-09-03
AM-2100 EP-SE	Farnesene Interpolymers	EP 09789249.1	EP 2328943	2012-01-25	2029-09-03
AM-2100 IN	Farnesene Interpolymers	IN 2210/CHENP/2011	IN 299016	2018-07-20	
AM-2100 JP	Farnesene Interpolymers	JP 2011-526040	JP 5667679	2014-12-19	2029-09-03
AM-2100 KR	Farnesene Interpolymers	KR 10-2011-7007803	KR 10-1626845	2016-05-27	2029-09-03
AM-2100 MX	Farnesene Interpolymers	MX/a/2011/002438	MX 294796	2012-01-16	2029-09-03
AM-2100 SG	Farnesene Interpolymers	SG 201101526-0	SG 169492	2013-09-13	2029-09-03
AM-2100 TW	Farnesene Interpolymers	TW 098129823	TW I393742	2013-04-21	2029-09-03
AM-2100 ZA	Farnesene Interpolymers	ZA 2011/01512	ZA 2011/01512	2012-04-25	2029-09-03
AM-2101	Polyfarnesenes by Metal-Catalyzed Insertion Polymerizations	US 13/365,250	US 8,334,353	2012-12-18	2029-07-23



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AM-2102	Polyfarnesenes by Metal-Catalyzed Insertion Polymerizations	US 13/480,490	US 8,889,808	2014-11-18	2029-07-23
AM-2110	Polyfarnesenes	US 13/409,129	US 8,592,543	2013-11-26	2029-07-23
AM-2200	Jet Fuel Compositions	US 12/393,024	US 7,589,243	2009-09-15	2029-02-25
AM-2200 AU	Jet Fuel Compositions	AU 2009292619	AU 2009292619		2029-09-16
AM-2200 BR	Jet Fuel Compositions	BR PI0918638-7	BR PI0918638-7	2018-07-03	2029-09-16
AM-2200 CA	Jet Fuel Compositions	CA 2,736,759	CA 2,736,759	2017-04-11	2029-09-16
AM-2200 CN	Jet Fuel Compositions	CN 200980144962.1	CN ZL200980144962.1	2013-09-04	2029-09-16
AM-2200 EP-DE	Jet Fuel Compositions	EP 09789314.3	EP 2342310	2013-01-09	2029-09-16
AM-2200 EP-ES	Jet Fuel Compositions	EP 09789314.3	EP 2342310	2013-01-09	2029-09-16
AM-2200 EP-FR	Jet Fuel Compositions	EP 09789314.3	EP 2342310	2013-01-09	2029-09-16
AM-2200 EP-GB	Jet Fuel Compositions	EP 09789314.3	EP 2342310	2013-01-09	2029-09-16
AM-2200 EP-IT	Jet Fuel Compositions	EP 09789314.3	EP 2342310	2013-01-09	2029-09-16
AM-2200 JP	Jet Fuel Compositions	JP 2011-527811	JP 5416777	2013-11-22	2029-09-16
AM-2200 KR	Jet Fuel Compositions	KR 10-2011-7008675	KR 10-1562965	2015-10-19	2029-09-16
AM-2200 MX	Jet Fuel Compositions	MX/a/2011/002831	MX 315828	2013-11-28	2029-09-16
AM-2200 SG	Jet Fuel Compositions	SG 201101827-2	SG 169658	2013-09-30	2029-09-16
AM-2200 ZA	Jet Fuel Compositions	ZA 2011/01853	ZA 2011/01853	2012-05-30	2029-09-16
AM-2300	Farnesene Dimers and/or Farnesane Dimers and Compositions Thereof	US 12/409,437	US 7,592,295	2009-09-22	2029-03-23
AM-2310	Lubricant Compositions	US 12/577,093	US 7,691,792	2010-04-06	2029-10-09
AM-2310 BR	Farnesene Dimers and/or Farnesane Dimers and Compositions Thereof	BR PI0919697-8	BR PI0919697-8	2018-02-06	2029-10-09
AM-2310 EP-DE	Farnesene Dimers and/or Farnesane Dimers and Compositions Thereof	EP 09740208.5	EP 2349956	2016-09-14	2029-10-09
AM-2310 EP-FR	Farnesene Dimers and/or Farnesane Dimers and Compositions Thereof	EP 09740208.5	EP 2349956	2016-09-14	2029-10-09
AM-2310 EP-GB	Farnesene Dimers and/or Farnesane Dimers and Compositions Thereof	EP 09740208.5	EP 2349956	2016-09-14	2029-10-09
AM-2310 US	Farnesene Dimers and/or Farnesane Dimers and Compositions Thereof	US 13/123,514	US 8,669,403	2014-03-11	2029-03-23
AM-2400	Compositions and Methods for the Rapid Assembly of Polynucleotides	US 12/622,401	US 8,221,982	2012-07-17	2030-12-15
AM-2400 C1	Compositions and Methods for the Rapid Assembly of Polynucleotides	US 12/684,874	US 8,110,360	2012-02-07	2030-06-25
AM-2400 C2	Compositions and Methods for the Rapid Assembly of Polynucleotides	US 13/430,322	US 8,546,136	2013-10-01	2029-11-19
AM-2400 AU	Compositions and Methods for the Rapid	AU 2009316660	AU 2009316660	2015-05-14	2029-11-19

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	Assembly of Polynucleotides				
AM-2400 BR	Compositions and Methods for the Rapid Assembly of Polynucleotides	BR PI0922187-5			
AM-2400 CA	Compositions and Methods for the Rapid Assembly of Polynucleotides	CA 2,744,153			
AM-2400 CN	Compositions and Methods for the Rapid Assembly of Polynucleotides	CN 200980154897.0	CN ZL200980154897.0	2014-05-07	2029-11-19
AM-2400 EP-CH	Compositions and Methods for the Rapid Assembly of Polynucleotides	EP 09764127.8	EP 2358875	2015-08-12	2029-11-19
AM-2400 EP-DE	Compositions and Methods for the Rapid Assembly of Polynucleotides	EP 09764127.8	EP 2358875	2015-08-12	2029-11-19
AM-2400 EP-FR	Compositions and Methods for the Rapid Assembly of Polynucleotides	EP 09764127.8	EP 2358875	2015-08-12	2029-11-19
AM-2400 EP-GB	Compositions and Methods for the Rapid Assembly of Polynucleotides	EP 09764127.8	EP 2358875	2015-08-12	2029-11-19
AM-2400 EP-IE	Compositions and Methods for the Rapid Assembly of Polynucleotides	EP 09764127.8	EP 2358875	2015-08-12	2029-11-19
AM-2400 EP-NL	Compositions and Methods for the Rapid Assembly of Polynucleotides	EP 09764127.8	EP 2358875	2015-08-12	2029-11-19
AM-2400 IN	Compositions and Methods for the Rapid Assembly of Polynucleotides	IN 4129/CHENP/2011			
AM-2400 KR	Compositions and Methods for the Rapid Assembly of Polynucleotides	KR 10-2011-7014144	KR 10-1794298	2017-10-31	2029-11-19
AM-2400 MX	Compositions and Methods for the Rapid Assembly of Polynucleotides	MX/a/2011/005195	MX 307547	2013-02-27	2029-11-19
AM-2400 MX D1	Compositions and Methods for the Assembly of Polynucleotides	MX/a/2012/011877	MX 317111	2014-01-14	2029-11-19

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
AM-2400 SG	Compositions and Methods for the Rapid Assembly of Polynucleotides	SG 201103627-4	SG 171760	2012-09-14	2029-11-19
AM-2400 ZA	Compositions and Methods for the Rapid Assembly of Polynucleotides	ZA 2011/03637	ZA 2011/03637	2013-08-29	2029-11-19
AM-2500	Microbial Derived Isoprene and Methods for Making the Same	US 12/659,216	US 8,324,442	2012-12-04	2031-06-15
AM-2500 D1	Microbial Derived Isoprene and Methods for Making the Same	US 13/629,623	US 8,492,605	2013-07-23	2030-03-01
AM-2500 D2	Microbial Derived Isoprene and Methods for Making the Same	US 13/887,381	US 9,233,894	2016-01-12	2030-05-29
AM-2500 D3	Microbial Derived Isoprene and Methods for Making the Same	US 14/956,402	US 9,885,061	2018-02-06	2030-06-28
AM-2500 D3C1	Microbial Derived Isoprene and Methods for Making the Same	US 15/851,715	US 10,125,376	2018-11-13	2030-03-01
AM-2600	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	US 12/753,413	US 8,519,204	2013-08-27	2031-12-31
AM-2600 C1	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	US 15/458,907	US 10,183,901	2019-01-22	2030-07-31
AM-2600 C2	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	US 156/228,567			
AM-2600 D1	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	US 13/951,137	US 9,611,189	2017-04-04	2031-11-29
AM-2600 AU	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	AU 2010232469	AU 2010232469	2014-01-02	2030-04-02
AM-2600 BR	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	BR PI1015250-4			
AM-2600 BR D1	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	BR 12 2018 010309 4			
AM-2600 BR D2	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	BR 12 2018 010313 2			

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AM-2600 CA	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	CA 2,757,000	CA 2,757,000	2018-02-13	2030-04-02
AM-2600 CA D1	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	CA 2,989,631			
AM-2600 CN	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	CN 201080024164.8	CN ZL201080024164.8	2015-04-29	2030-04-02
AM-2600 EP-BG	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	EP 10712281.4	EP 2414311	2017-06-07	2030-04-02
AM-2600 EP-CH	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	EP 10712281.4	EP 2414311	2017-06-07	2030-04-02
AM-2600 EP-DE	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	EP 10712281.4	EP 2414311	2017-06-07	2030-04-02
AM-2600 EP-DK	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	EP 10712281.4	EP 2414311	2017-06-07	2030-04-02
AM-2600 EP-ES	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	EP 10712281.4	ES 2638774 T3	2017-06-07	2030-04-02
AM-2600 EP-FR	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	EP 10712281.4	EP 2414311	2017-06-07	2030-04-02
AM-2600 EP-GB	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	EP 10712281.4	EP 2414311	2017-06-07	2030-04-02
AM-2600 EP-NL	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	EP 10712281.4	EP 2414311	2017-06-07	2030-04-02
AM-2600 EP-PT	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	EP 10712281.4	EP 2414311	2017-06-07	2030-04-02
AM-2600 MX	Stabilization & Hydrogenation Methods for Microbial-Derived Olefins	MX/a/2011/010140	MX 312376	2013-08-15	2030-04-02
AM-3200	Polyfarnesenes	US 12/552,278	US 8,048,976	2011-11-01	2029-07-23
AM-3201	Polyfarnesenes	US 13/235,530	US 8,314,196	2012-11-20	2029-09-01

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AM-3300	Adhesive Compositions Comprising Polyfarnesene	US 12/507,801	US 7,655,739	2010-02-02	2029-07-23
AM-3300 AU	Adhesive Compositions Comprising Polyfarnesene	AU 2009288675	AU 2009288675	2013-11-14	2029-09-03
AM-3300 BR	Adhesive Compositions Comprising Polyfarnesene	BR PI0918181-4			
AM-3300 CA	Adhesive Compositions Comprising Polyfarnesene	CA 2,735,255	CA 2,735,255	2017-02-21	2029-09-03
AM-3300 CN	Adhesive Compositions Comprising Polyfarnesene	CN 200980143983.1	CN ZL200980143983.1	2014-06-04	2029-09-03
AM-3300 EP-CH	Adhesive Compositions Comprising Polyfarnesene	EP 09789248.3	EP 2334707	2012-02-01	2029-09-03
AM-3300 EP-DE	Adhesive Compositions Comprising Polyfarnesene	EP 09789248.3	EP 2334707	2012-02-01	2029-09-03
AM-3300 EP-ES	Adhesive Compositions Comprising Polyfarnesene	EP 09789248.3	EP 2334707	2012-02-01	2029-09-03
AM-3300 EP-FR	Adhesive Compositions Comprising Polyfarnesene	EP 09789248.3	EP 2334707	2012-02-01	2029-09-03
AM-3300 EP-GB	Adhesive Compositions Comprising Polyfarnesene	EP 09789248.3	EP 2334707	2012-02-01	2029-09-03
AM-3300 EP-IE	Adhesive Compositions Comprising Polyfarnesene	EP 09789248.3	EP 2334707	2012-02-01	2029-09-03
AM-3300 EP-IT	Adhesive Compositions Comprising Polyfarnesene	EP 09789248.3	EP 2334707	2012-02-01	2029-09-03
AM-3300 EP-NL	Adhesive Compositions Comprising Polyfarnesene	EP 09789248.3	EP 2334707	2012-02-01	2029-09-03
AM-3300 EP-SE	Adhesive Compositions Comprising Polyfarnesene	EP 09789248.3	EP 2334707	2012-02-01	2029-09-03
AM-3300 HK	Adhesive Compositions Comprising Polyfarnesene	HK 11106732.7	HK 1152711	2012-08-31	2029-09-03
AM-3300 IN	Adhesive Compositions Comprising Polyfarnesene	IN 2177/CHENP/2011	IN 286521	2017-08-22	2029-09-03
AM-3300 JP	Adhesive Compositions Comprising Polyfarnesene	JP 2011-526039	JP 5624986	2014-10-03	2029-09-03
AM-3300 KR	Adhesive Compositions Comprising Polyfarnesene	KR 10-2011-7007820	KR 10-1620991	2016-05-09	2029-09-03

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AM-3300 MX	Adhesive Compositions Comprising Polyfarnesene	MX/a/2011/002390	MX 294795	2012-01-16	2029-09-03
AM-3300 SG	Adhesive Compositions Comprising Polyfarnesene	SG 201101523-7	SG 169211	2012-10-15	2029-09-03
AM-3300 ZA	Adhesive Compositions Comprising Polyfarnesene	ZA 2011/01514	ZA 2011/01514	2012-04-25	2029-09-03
AM-3301	Compositions Comprising Polyfarnesene	US 12/694,120	US 7,759,444	2010-07-20	2029-07-23
AM-3302	Compositions Comprising Polyfarnesene	US 12/825,357	US 7,868,114	2011-01-11	2029-07-23
AM-3303	Compositions Comprising Polyfarnesene	US 12/825,364	US 7,868,115	2011-01-11	2029-07-23
AM-3400	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	US 12/978,061	US 7,919,605	2011-04-05	2030-12-23
AM-3410	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	US 13/220,553	US 9,018,364	2015-04-28	2030-12-23
AM-3410 AU	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	AU 2011296245	AU 2011296245	2015-04-30	2031-08-29
AM-3410 CN	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	CN 201180051803.4	CN 201180051803.4	2015-11-25	2031-08-29
AM-3410 EP-CH	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	EP 11755188.7	EP 2611923	2014-07-02	2031-08-29
AM-3410 EP-DE	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	EP 11755188.7	EP 2611923	2014-07-02	2031-08-29
AM-3410 EP-DK	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	EP 11755188.7	EP 2611923	2014-07-02	2031-08-29
AM-3410 EP-FR	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	EP 11755188.7	EP 2611923	2014-07-02	2031-08-29
AM-3410 EP-GB	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	EP 11755188.7	EP 2611923	2014-07-02	2031-08-29
AM-3410 EP-NL	Nucleic Acids, Compositions and	EP 11755188.7	EP 2611923	2014-07-02	2031-08-29

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	Methods for the Excision of Target Nucleic Acids				
AM-3410 HK	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	HK 13108147.0	HK 1181070	2014-09-19	2031-08-29
AM-3410 JP	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	JP 2013-526203	JP 5883449	2016-02-12	2031-08-29
AM-3410 ZA	Nucleic Acids, Compositions and Methods for the Excision of Target Nucleic Acids	ZA 2013/01177	ZA 2013/01177	2014-04-30	2031-08-29
AM-3500	Squalane and Isosqualane Compositions and Methods For Preparing the Same	US 13/112,991	US 8,586,814	2013-11-19	2032-02-24
AM-3500 BR	Squalane and Isosqualane Compositions and Methods For Preparing the Same	BR 112012028932-2			2031-05-20
AM-3500 EP	Squalane and Isosqualane Compositions and Methods For Preparing the Same	EP 11724846.8			
AM-3500 JP	Squalane and Isosqualane Compositions and Methods For Preparing the Same	JP 2013-511388	JP 6351057	2018-06-15	2031-05-20
AM-3900 AU	Graft Copolymers of Polyfarnesenes with Condensation Polymers	AU 2011286019	AU 2011286019	2013-11-21	2031-07-29
AM-3900 BR	Graft Copolymers of Polyfarnesenes with Condensation Polymers	BR 1120120292153			
AM-3900 CA	Graft Copolymers of Polyfarnesenes with Condensation Polymers	CA 2,798,299	CA 2,798,299	2019-11-20	2031-07-29
AM-3900 CN	Graft Copolymers of Polyfarnesenes with Condensation Polymers	CN 201180035389.8	CN 103052664	2015-07-29	2031-07-29
AM-3900 EP-DE	Graft Copolymers of Polyfarnesenes with Condensation Polymers	EP 11746707.6	EP 2601229	2013-10-16	2031-07-29
AM-3900 EP-ES	Graft Copolymers of Polyfarnesenes with Condensation Polymers	EP 11746707.6	EP 2601229	2013-10-16	2031-07-29

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AM-3900 EP-FR	Graft Copolymers of Polyfarnesenes with Condensation Polymers	EP 11746707.6	EP 2601229	2013-10-16	2031-07-29
AM-3900 EP-GB	Graft Copolymers of Polyfarnesenes with Condensation Polymers	EP 11746707.6	EP 2601229	2013-10-16	2031-07-29
AM-3900 EP-IT	Graft Copolymers of Polyfarnesenes with Condensation Polymers	EP 11746707.6	EP 2601229	2013-10-16	2031-07-29
AM-3900 KR	Graft Copolymers of Polyfarnesenes with Condensation Polymers	KR 10-2012-7031759	KR 10-1836955	2018-03-05	2031-07-29
AM-3900 US	Graft Copolymers of Polyfarnesenes with Condensation Polymers	US 13/811,665	US 9,040,630	2015-05-26	2029-07-23
AM-4000	sesquiterpene synthase variants	US 13/363,588	US 8,236,512	2012-08-07	2032-02-01
AM-4000 AU	Sesquiterpene Synthase Variants	AU 2012212292	AU 2012212292	2014-05-24	2032-02-01
AM-4000 BR	Sesquiterpene Synthase Variants	BR 1120130195746			
AM-4000 CA	Sesquiterpene Synthase Variants	CA 2,826,554	CA 2,826,554	2015-03-31	2032-02-01
AM-4000 CN	Sesquiterpene Synthase Variants	CN 201280011458.6	CN ZL201280011458.6	2015-05-20	2032-02-01
AM-4000 EP-CH	Sesquiterpene Synthase Variants	EP 12742056.0	EP 2670846	2015-08-19	2032-02-01
AM-4000 EP-DE	Sesquiterpene Synthase Variants	EP 12742056.0	EP 2670846	2015-08-19	2032-02-01
AM-4000 EP-DK	Sesquiterpene Synthase Variants	EP 12742056.0	EP 2670846	2015-08-19	2032-02-01
AM-4000 EP-FR	Sesquiterpene Synthase Variants	EP 12742056.0	EP 2670846	2015-08-19	2032-02-01
AM-4000 EP-GB	Sesquiterpene Synthase Variants	EP 12742056.0	EP 2670846	2015-08-19	2032-02-01
AM-4000 EP-IE	Sesquiterpene Synthase Variants	EP 12742056.0	EP 2670846	2015-08-19	2032-02-01
AM-4000 EP-NL	Sesquiterpene Synthase Variants	EP 12742056.0	EP 2670846	2015-08-19	2032-02-01
AM-4000 IN	Sesquiterpene Synthase Variants	IN 7012/CHENP/2013			
AM-4000 JP	Sesquiterpene Synthase Variants	JP 2013-552590	JP 5580488	2014-07-18	2032-02-01
AM-4000 KR	Sesquiterpene Synthase Variants	KR 10-2013-7023002	KR 10-1420991	2014-07-11	2032-02-01
AM-4000 MX	Sesquiterpene Synthase Variants	MX/a/2013/008903	MX 346518	2017-03-23	2032-02-01
AM-4000 SG	Sesquiterpene Synthase Variants	SG 201305623-9			
AM-4000 ZA	Sesquiterpene Synthase Variants	ZA 2013/05797	ZA 2013/05797	2014-04-30	2032-02-01
AM-4400 BR	Olefins and Methods for Making the Same	BR PI1120130264179			



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AM-4400 EP	Olefins and Methods for Making the Same	EP 12708189.1			
AM-4400 US	Olefins and Methods for Making the Same	US 14/112,235			
AM-4600	Production of Acetyl-Coenzyme A Derived Compounds	US 13/467,783	US 9,670,518	2017-06-06	2032-05-09
AM-4600 BR	Production of Acetyl-Coenzyme A Derived Compounds	BR 1120130285443			
AM-4600 CA	Production of Acetyl-Coenzyme A Derived Compounds	CA 2,832,979			
AM-4600 EP-CH	Production of Acetyl-Coenzyme A Derived Compounds	EP 12782714.5	EP 2707475	2015-09-30	2032-05-09
AM-4600 EP-DE	Production of Acetyl-Coenzyme A Derived Compounds	EP 12782714.5	EP 2707475	2015-09-30	2032-05-09
AM-4600 EP-DK	Production of Acetyl-Coenzyme A Derived Compounds	EP 12782714.5	EP 2707475	2015-09-30	2032-05-09
AM-4600 EP-FR	Production of Acetyl-Coenzyme A Derived Compounds	EP 12782714.5	EP 2707475	2015-09-30	2032-05-09
AM-4600 EP-GB	Production of Acetyl-Coenzyme A Derived Compounds	EP 12782714.5	EP 2707475	2015-09-30	2032-05-09
AM-4600 EP-NL	Production of Acetyl-Coenzyme A Derived Compounds	EP 12782714.5	EP 2707475	2015-09-30	2032-05-09
AM-4600 IN	Production of Acetyl-Coenzyme A Derived Compounds	IN 8980/CHENP/2013			
AM-4600 JP	Production of Acetyl-Coenzyme A Derived Compounds	JP 2014-510442	JP 5989098	2016-08-19	2032-05-09
AM-4600 MX	Production of Acetyl-Coenzyme A Derived Compounds	MX/a/2013/012871	MX 334188	2015-10-20	2032-05-09
AM-4600 ZA	Production of Acetyl-Coenzyme A Derived Compounds	ZA 2013/08393	ZA 2013/08393	2014-08-27	2032-05-09
AM-4800	Methods for Genomic Modification of Yeast	US 13/459,034	US 8,685,737	2014-04-01	2032-04-27
AM-4800 C1	Methods for Genomic Modification of Yeast	US 15/424,709			
AM-4800 D1	Methods for Genomic Modification of Yeast	US 14/178,203	US 9,701,971	2017-07-11	2032-04-27
AM-4800 AU	Methods for Genomic Modification of Yeast	AU 2012249390			2032-04-27
AM-4800 AU D1	Methods for Genomic Modification of Yeast	AU 2017204456			

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AM-4800 BR	Methods for Genomic Modification of Yeast	BR 1120130255676			
AM-4800 CA	Methods for Genomic Modification of Yeast	CA 2,834,375			
AM-4800 CN	Methods for Genomic Modification of Yeast	CN 201280020323.6			2032-04-27
AM-4800 EP	Methods for Genomic Modification of Yeast	EP 12720058.2			
AM-4800 HK	Methods for Genomic Modification of Yeast	HK 14102329.2			
AM-4800 IN	Methods for Genomic Modification of Yeast	IN 8820/DELNP/2013			
AM-4800 JP	Methods for Genomic Modification of Yeast	JP 2014-508155	JP 6158170	2017-06-16	1932-04-27
AM-4800 JP D1	Methods for Genomic Modification of Yeast	JP 2016-235954			
AM-4800 KR	Methods for Genomic Modification of Yeast	KR 10-2013-7031551			
AM-4800 MX	Methods for Genomic Modification of Yeast	MX/a/2013/012479	MX 351043	2017-09-29	2032-04-27
AM-4800 SG	Methods for Genomic Modification of Yeast	SG 201307430-7	SG 194089	2016-04-26	2032-04-27
AM-4800 ZA	Methods for Genomic Modification of Yeast	ZA 2013/07225	ZA 2013/07225	2014-12-23	2032-04-27
AM-5200 BR	Base Oils and Methods for Making the Same	BR PI1120130264160			
AM-5200 EP-DE	Base Oils and Methods for Making the Same	EP 12706967.2	EP 2697186	2018-05-23	2033-05-23
AM-5200 EP-FR	Base Oils and Methods for Making the Same	EP 12706967.2	EP 2697186	2018-05-23	2033-05-23
AM-5200 EP-GB	Base Oils and Methods for Making the Same	EP 12706967.2	EP 2697186	2018-05-23	2033-05-23
AM-5200 US	Base Oils and Methods for Making the Same	US 14/112,238	US 9,862,906	2018-01-09	2034-11-13
AM-5400	Production of Acetyl-Coenzyme A Derived Isoprenoids	US 13/673,819	US 8,415,136	2013-04-09	2032-11-09
AM-5400 C1	Production of Acetyl-Coenzyme A Derived Isoprenoids	US 13/752,293	US 8,603,800	2013-12-10	2032-11-09
AM-5400 C2	Production of Acetyl-Coenzyme A Derived Isoprenoids	US 14/062,798	US 8,859,261	2014-10-14	2032-11-09
AM-5400 C3	Production of Acetyl-Coenzyme A Derived Isoprenoids	US 14/474,976	US 9,914,941	2018-03-13	2032-11-09
AM-5400 AU	Production of Acetyl-Coenzyme A Derived Isoprenoids	AU 2012335091	AU 2012335091	2016-09-29	1932-11-09
AM-5400 BR	Production of Acetyl-Coenzyme A Derived Isoprenoids	BR 1120140107505			

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AM-5400 CA	Production of Acetyl-Coenzyme A Derived Isoprenoids	CA 2,853,679			
AM-5400 CN	Production of Acetyl-Coenzyme A Derived Isoprenoids	CN 201280066027.X	CN ZL201280066027.X	2016-10-12	2032-11-09
AM-5400 EP-BG	Production of Acetyl-Coenzyme A Derived Isoprenoids	EP 12795948.4	EP 2776571	2017-04-12	2032-11-09
AM-5400 EP-CH	Production of Acetyl-Coenzyme A Derived Isoprenoids	EP 12795948.4	EP 2776571	2017-04-12	2032-11-09
AM-5400 EP-DE	Production of Acetyl-Coenzyme A Derived Isoprenoids	EP 12795948.4	EP 2776571	2017-04-12	2032-11-09
AM-5400 EP-DK	Production of Acetyl-Coenzyme A Derived Isoprenoids	EP 12795948.4	EP 2776571	2017-04-12	2032-11-09
AM-5400 EP-ES	Production of Acetyl-Coenzyme A Derived Isoprenoids	EP 12795948.4	EP 2776571	2017-04-12	2032-11-09
AM-5400 EP-FR	Production of Acetyl-Coenzyme A Derived Isoprenoids	EP 12795948.4	EP 2776571	2017-04-12	2032-11-09
AM-5400 EP-GB	Production of Acetyl-Coenzyme A Derived Isoprenoids	EP 12795948.4	EP 2776571	2017-04-12	2032-11-09
AM-5400 EP-NL	Production of Acetyl-Coenzyme A Derived Isoprenoids	EP 12795948.4	EP 2776571	2017-04-12	2032-11-09
AM-5400 EP-PT	Production of Acetyl-Coenzyme A Derived Isoprenoids	EP 12795948.4	EP 2776571	2017-04-12	2032-11-09
AM-5400 HK	Production of Acetyl-Coenzyme A Derived Isoprenoids	HK 14109484.8	HK 1196141B	2018-04-27	
AM-5400 IN	Production of Acetyl-Coenzyme A Derived Isoprenoids	IN 3791/CHENP/2014			
AM-5400 JP	Production of Acetyl-Coenzyme A Derived Isoprenoids	JP 2014-541353	JP 6073350	2017-01-13	2032-11-09
AM-5400 JP D1	Production of Acetyl-Coenzyme A Derived Isoprenoids	JP 2017-000210	JP 6461208	2019-01-11	2032-11-09
AM-5400 KR	Production of Acetyl-Coenzyme A Derived Isoprenoids	KR 10-2014-7015594			
AM-5400 MX	Production of Acetyl-Coenzyme A Derived Isoprenoids	MX/a/2014/005543	MX 346459	2017-03-22	2032-11-09
AM-5400 SG	Production of Acetyl-Coenzyme A Derived Isoprenoids	SG 11201402083X	SG 11201402083X	2016-06-20	2032-11-09

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AM-5400 ZA	Production of Acetyl-Coenzyme A Derived Isoprenoids	ZA 2014/02989	ZA 2014/02989	2015-11-25	2032-11-09
AM-5500	Systems and Methods For Engineering Nucleic Acid Constructs Using Scoring Techniques	US 13/442,625	US 8,332,160	2012-12-11	2032-04-09
AM-5500 AU	Systems and Methods For Engineering Nucleic Acid Constructs Using Scoring Techniques	AU 2012340175	AU 2012340175	2018-08-23	
AM-5500 AU D1	Systems and Methods For Engineering Nucleic Acid Constructs Using Scoring Techniques	AU 2018204935			
AM-5500 EP	Systems and Methods For Engineering Nucleic Acid Constructs Using Scoring Techniques	EP 12806738.6			
AM-5500 HK	Systems and Methods For Engineering Nucleic Acid Constructs Using Scoring Techniques	HK 15100305.3			
AM-5500 ZA	Systems and Methods For Engineering Nucleic Acid Constructs Using Scoring Techniques	ZA 2014/03601	ZA 2014/03601	2016-01-27	2032-11-16
AM-5900 AU	Polymerization of Compositions Comprising a Farnesene	AU 2012370447	AU 2012370447	2016-05-05	2032-12-13
AM-5900 BR	Polymerization of Compositions Comprising a Farnesene	BR 1120140203610			
AM-5900 CA	Polymerization of Compositions Comprising a Farnesene	CA 2,864,663	CA 2,864,663	2016-04-12	2032-12-13
AM-5900 CN	Polymerization of Compositions Comprising a Farnesene	CN 201280070099.1	CN ZL201280070099.1	2016-10-12	2032-12-13
AM-5900 EP-CH	Polymerization of Compositions Comprising a Farnesene	EP 12812450.0	EP 2817342	2016-05-25	2032-12-13
AM-5900 EP-DE	Polymerization of Compositions Comprising a Farnesene	EP 12812450.0	EP 2817342	2016-05-25	2032-12-13
AM-5900 EP-FR	Polymerization of Compositions Comprising a Farnesene	EP 12812450.0	EP 2817342	2016-05-25	2032-12-13
AM-5900 EP-GB	Polymerization of Compositions Comprising a Farnesene	EP 12812450.0	EP 2817342	2016-05-25	2032-12-13
AM-5900 EP-NL	Polymerization of Compositions Comprising a Farnesene	EP 12812450.0	EP 2817342	2016-05-25	2032-12-13

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AM-5900 HK	Polymerization of Compositions Comprising a Farnesene	HK 15103446.7	HK 1202884	2017-01-06	2032-12-13
AM-5900 IN	Polymerization of Compositions Comprising a Farnesene	IN 6423/DELNP/2014			
AM-5900 JP	Polymerization of Compositions Comprising a Farnesene	JP 2014-558730	JP 6100248	2017-03-03	2032-12-13
AM-5900 MX	Polymerization of Compositions Comprising a Farnesene	MX/a/2014/010058	tba	2019-01-10	2032-12-13
AM-5900 ZA	Polymerization of Compositions Comprising a Farnesene	ZA 2014/05513	ZA 2014/05513	2015-11-25	2032-12-13
AM-6100 BR	Drilling Fluids Comprising Farnesane and/or Farnesene	BR 1120140122784			
AM-6300 AU	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	AU 2013299608			
AM-6300 BR	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	BR 1120150027245			
AM-6300 CA	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	CA 2,879,178			
AM-6300 CN	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	CN 201380041771.9	CN ZL201380041771.9	2018-05-29	
AM-6300 EP-DE	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	EP 13750244.9	EP 2882856	2017-12-20	
AM-6300 EP-FR	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	EP 13750244.9	EP 2882856	2017-12-20	
AM-6300 EP-GB	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	EP 13750244.9	EP 2882856	2017-12-20	
AM-6300 EP-NL	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	EP 13750244.9	EP 2882856	2017-12-20	
AM-6300 IN	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	IN 1204/CHENP/2015			

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AM-6300 US	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	14/419,609			
AM-6310 AU	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	AU 2013397496			
AM-6310 BR	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	BR 1120160025261			
AM-6310 CA	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	CA 2,918,891			
AM-6310 CN	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	CN 201380080077.8			
AM-6310 EP	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	EP 13748255.0			
AM-6310 IN	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	IN 201627007153			
AM-6310 US	Methods for Stabilizing Production of Acetyl-Coenzyme A Derived Compounds	US 14/910,240			
AM-6400	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	US 14/214,062	US 9,410,214	2016-08-09	2034-09-02
AM-6400 AU	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	AU 2014227811	AU 2014227811	2018-09-20	2034-03-14
AM-6400 BR	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	BR 112015023089-0			
AM-6400 CA	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	CA 2,903,053			
AM-6400 CN	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	CN 201480025977.7			

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AM-6400 EP	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	EP 14714149.3	EP 2971027	2019-01-30	2034-03-14
AM-6400 IN	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	IN 6134/CHENP/2015			
AM-6400 JP	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	JP 2016-502782			
AM-6400 KR	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	KR 10-2015-7028637			
AM-6400 MX	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	MX/a/2015/012365			
AM-6400 MY	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	MY PI2015703178			
AM-6400 ZA	Use of PPK and PTA for Production of Acetyl-Coenzyme A Derived Compounds	ZA 2015/06406	ZA 2015/06406	2017-01-25	2034-03-14
AM-6500	Methods for Genomic Integration	US 14/577,997	US 9,476,065	2016-10-25	2035-02-14
AM-6500 C1	Methods for Genomic Integration	US 15/261,727	US 10,041,092	2018-08-07	2035-01-13
AM-6500 C2	Methods for Genomic Integration	US 16/044,381			
AM-6500 AU	Methods for Genomic Integration	AU 2014368982			
AM-6500 CA	Methods for Genomic Integration	CA 2,933,902			
AM-6500 CN	Methods for Genomic Integration	CN 201480075698.1			
AM-6500 EP	Methods for Genomic Integration	EP 14831130.1			
AM-6500 HK	Methods for Genomic Integration	HK 17102835.6			
AM-6500 IN	Methods for Genomic Integration	IN 201617023246			
AM-6500 JP	Methods for Genomic Integration	JP 2016-540681			
AM-6500 KR	Methods for Genomic Integration	KR 10-2016-7019329			
AM-6500 MX	Methods for Genomic Integration	MX/a/2016/007797			
AM-6600	Solvent Compositions	US 14/702,607	US 10,071,034	2018-09-11	2035-11-06
AM-6600 EP	Solvent Compositions	EP 15723609.2			

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AM-6600 EP-DE	Solvent Compositions	EP 15723609.2			
AM-6600 EP-FR	Solvent Compositions	EP 15723609.2			
AM-6600 EP-GB	Solvent Compositions	EP 15723609.2			
AM-6700 EP	High-Throughput Sequencing of DNA Assemblies	EP 15819931.5			
AM-6700 HK	High-Throughput Sequencing of DNA Assemblies	HK 18104624.6			
AM-6700 US	High-Throughput Sequencing of DNA Assemblies	US 15/532,865			
AM-6900 AU	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	AU 2016284689			
AM-6900 BR	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	BR112017027970-3			
AM-6900 CN	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	CN 201680048935.4			
AM-6900 EP	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	EP 16739303.2			
AM-6900 HK	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	HK 18113095.7			
AM-6900 US	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	US 15/738,555			



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AM-6910 AU	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	AU 2016284696			
AM-6910 BR	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	BR112017027869-3			
AM-6910 CN	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	CN 201680048933.5			
AM-6910 EP	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	EP 16734852.3			
AM-6910 HK	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	HK 18113115.3			
AM-6910 US	Maltose Dependent Degrons, Maltose-Responsive Promoters, Stabilization Constructs, and Their Use in Production of Non-Catabolic Compounds	US 15/738,918			
AM-7000 CN	Compositions and Methods for Production of Myrcene	CN 201680076944.4			
AM-7000 HK	Compositions and Methods for Production of Myrcene	HK 19119666.6			
AM-7000 EP	Compositions and Methods for Production of Myrcene	EP 16794176.4			
AM-7000 IN	Compositions and Methods for Production of Myrcene	IN 201817018756			

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AM-7000 US	Compositions and Methods for Production of Myrcene	US 15/771,888			
AM-7100 US	Compositions and Methods For Extraction of Botanical Compounds From Plants	US 15/763,029			
AM-7200 PCT	Compositions Containing Bio-Based Farnesene Or Compounds Derived Therefrom And Their Use In Consumer And Industrial Products	PCT/US2016/054542			
AM-7200 US	Compositions Containing Bio-Based Farnesene Or Compounds Derived Therefrom And Their Use In Consumer And Industrial Products	US 15/765,455			
AM-7300 EP	Compositions and Methods for Combinatorial Genomic Integration of Nucleic Acids	EP 17728315.7			
AM-7300 JP	Compositions and Methods for Combinatorial Genomic Integration of Nucleic Acids	JP 2018-560571			
AM-7300 US	Compositions and Methods for Combinatorial Genomic Integration of Nucleic Acids	US 16/302,079			
AM-7400 AU	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	AU 2017308143			
AM-7400 BR	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	BR 11 2018 074999 0			
AM-7400 CA	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	CA 3,031,162			
AM-7400 CN	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	tba			

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AM-7400 EP	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	EP 17757641.0			
AM-7400 JP	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	JP 2019-507224			
AM-7400 KR	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D				
AM-7400 MX	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	MX/a/2019/001631			
AM-7400 MY	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	MY PI 2019000757			
AM-7400 RU	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D				
AM-7400 SG	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	SG 11201900930U			
AM-7400 US	UDP-Dependent Glycosyltransferase For High Efficiency Production of Rebaudioside D	US 16/323,756			
AM-7500 P1	Cells and Methods for Selection Based Assay	US 67/724,231			
AM-7600 PCT	Co-Production of Isoprenoids	PCT/US2018/015326			
AM-7700 PCT	Pisum Sativum Kaurene Oxidase for High Efficiency Production of Rebaudiosides	PCT/US2018/046359			
AM-7800 P2	Methods for Producing Full-Length Antibodies	US 62/667,195			
AM-7800 PCT	Methods for Producing Full-Length Antibodies	PCT/US2018/050592			

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AM-7900 P2	Methods for Genomic Integration in Pichia and Other Host Cells	US 62/666,923			
AM-7900 PCT	Methods for Genomic Integration in Pichia and Other Host Cells	PCT/US2018/050613			
AM-8000 P2	Methods of Genomic Integration for Host Cells Including Hansenula and Arxula	US 62/667,020			
AM-8000 PCT	Methods of Genomic Integration for Host Cells Including Hansenula and Arxula	PCT/US2018/050706			
AM-8100 P2	Methods for Genomic Integration for Host Cells Including Kluyveromyces	US 62/667,000			
AM-8100 PCT	Methods for Genomic Integration for Host Cells Including Kluyveromyces	PCT/US2018/050732			
AM-8200 P2	Methods for Genetic Engineering Kluyveromyces Host Cells for Production and Secretion of Antibodies	US 62/667,089			
AM-8200 PCT	Methods for Genetic Engineering Kluyveromyces Host Cells for Production and Secretion of Antibodies	PCT/US2018/050635			
AM-8400 P1	Compounds, Compositions, and Methods for Recovering Water-Immiscible Compounds from Microbial Biomass	US 62/692,536			
AM-8500 P1	Methods and Compositions for Providing Fermentation Feed Rates	US 62/697,167			
AM-8600 P1	Synthesis of E,E-Farnesol, Farnesyl Acetate and Squalene from Farnesene via Farnesyl Chloride	US 62/682,616			
AM-8700 EP P1	Process for Recovering Isoprenoids Produced by Microorganisms	EP 17306050			
AM-8700 PCT	Process for Recovering Isoprenoids Produced by Microorganisms	PCT/EP2018/007084 4			
AM-8800 EP P1	Process for the Recovery of Fermentaion Products	EP 17290101			
AM-8800 PCT	Process for the Recovery of Fermentaion Products	PCT/EP2018/017031 5			

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
AM-8900 P1	Stevia Rebaudiana Kaurenoic Acid Hydroxylase for High Efficiency Production of Rebaudiosides	US 62/745,900			
AM-9000	Biosynthesis of Compounds in Yeast	US 16/198,545			
AM-9300 P1	ABC Transporters for the High Efficiency Production of Steviol Glycosides	US 62/796,228			
AR- 100	Method of Producing Geranylgeraniol	US 09/350,275	US 6,531,303	2003-03-11	2019-07-06
AR- 100 C1A	Production of Farnesol and Geranylgeraniol	US 09/909,558	US 6,689,593	2004-02-10	2019-07-06
AR- 100 C2	Production of Isoprenoids	US 11/753,399	US 8,241,888	2012-08-14	2019-07-06
AR- 100 C2 D1	Production of Isoprenoids	US 12/510,041	US 8,236,552	2012-08-07	2019-07-06
AR- 100 C3	Production of Isoprenoids	US 11/753,254	US 7,842,497	2010-11-30	2019-07-06
AR- 100 C3 C1	Production of Isoprenoids	US 12/942,723	US 7,927,861	2011-04-19	2019-07-06
AR- 100 C4	Production of Isoprenoids	US 11/753,301	US 7,838,279	2010-11-23	2019-07-06
AR- 100 C4 C1	Production of Isoprenoids	US 12/942,809	US 7,927,862	2011-04-19	2019-07-06
AR- 100 C4 C3	Production of Isoprenoids	US 13/865,072	US 9,102,954	2015-08-11	2019-07-06
AR- 100 C5	Production of Isoprenoids	US 11/752,933	US 7,718,417	2010-05-18	2019-07-06
AR- 100 C6	Production of Isoprenoids	US 11/752,931	US 7,732,161	2010-06-08	2019-07-06
AR- 100 C6C1	Production of Isoprenoids	US 14/788,402			
AR- 100 CA	Method of Vitamin Production	CA 2,331,343	CA 2,331,343	2014-01-14	2019-07-06
AR- 100 CA D1	Production of Isoprenoid in Recombinant Yeast	CA 2,831,321	CA 2,831,321	2018-05-15	
AR- 100 EP1-CH	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-DE	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-DK	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-ES	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-FR	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-GB	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-IE	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06

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AR- 100 EP1-IT	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-LU	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-MC	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-NL	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP1-SE	Production of Farnesol and Geranylgeraniol	EP 08003596.7	EP 1947189	2010-12-01	2019-07-06
AR- 100 EP2-CH	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-DE	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-DK	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-ES	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-FR	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-GB	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-IE	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-IT	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-LU	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-MC	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-NL	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP2-SE	Production of Farnesol and Geranylgeraniol	EP 09004155.9	EP 2100963	2011-12-14	2019-07-06
AR- 100 EP3-CH	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-DE	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-DK	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-ES	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-FR	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-GB	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-IE	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-IT	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-LU	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
AR- 100 EP3-MC	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-NL	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 EP3-SE	Production of Farnesol and Geranylgeraniol	EP 10180179.3	EP 2305825	2015-01-14	2019-07-06
AR- 100 JP	Production of Farnesol and Geranylgeraniol	JP 2000-558056	JP 4,579,415	2010-09-03	2019-07-06
AR- 100 MX	Production of Farnesol and Geranylgeraniol	MX PA/a/2001/000216	MX 219130	2004-02-10	2019-07-06
AR- 100 MX C1	Production of Farnesol and Geranylgeraniol	MX PA/a/2004/002408	MX 276941	2010-06-28	2019-07-06
AR- 100 MX C1D1	Production of Farnesol and Geranylgeraniol	MX/a/2008/011194	MX 322030	2014-07-16	2019-07-06
AR- 100 MX C1D2	Production of Farnesol and Geranylgeraniol	MX/a/2013/010844			
DR- 100	Preparation of Trans, Trans Muconic Acid and Trans, Trans Muconates	US 12/816,481	US 8,426,639	2013-04-23	2031-02-11
DR-1100 BR	Methods for Producing Isomers of Muconic Acid and Muconate Salts	BR 112012016855-0			
DR-1100 CA	Methods for Producing Isomers of Muconic Acid and Muconate Salts	CA 2,786,405			
DR-1100 CN	Methods for Producing Isomers of Muconic Acid and Muconate Salts	CN 201180012960.4	CN 102985537B	2015-11-25	2031-01-10
DR-1100 EP-CH	Methods for Producing Isomers of Muconic Acid and Muconate Salts	EP 11700591.8	EP 2521770	2015-11-25	2031-01-10
DR-1100 EP-DE	Methods for Producing Isomers of Muconic Acid and Muconate Salts	EP 11700591.8	EP 2521770	2015-11-25	2031-01-10
DR-1100 EP-DK	Methods for Producing Isomers of Muconic Acid and Muconate Salts	EP 11700591.8	EP 2521770	2015-11-25	2031-01-10
DR-1100 EP-FR	Methods for Producing Isomers of Muconic Acid and Muconate Salts	EP 11700591.8	EP 2521770	2015-11-25	2031-01-10
DR-1100 EP-GB	Methods for Producing Isomers of Muconic Acid and Muconate Salts	EP 11700591.8	EP 2521770	2015-11-25	2031-01-10
DR-1100 EP-NL	Methods for Producing Isomers of Muconic Acid and Muconate Salts	EP 11700591.8	EP 2521770	2015-11-25	2031-01-10
DR-1100 IN	Methods for Producing Isomers of Muconic Acid and Muconate Salts	IN 2007/KOLNP/2012			
DR-1100 MX	Methods for Producing Isomers of Muconic Acid and Muconate Salts	MX/a/2012/007944	MX 333523	2015-09-25	2031-01-10

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
DR-1100 US	Methods for Producing Isomers of Muconic Acid and Muconate Salts	US 13/518,534	US 8,809,583	2014-08-19	2031-01-10
UC- 100	Biosynthesis of Isopentenyl Pyrophosphate	US 10/006,909	US 7,172,886	2007-02-06	2022-06-23
UC- 100 C1	Isolated Mevalonate Pathway Enzyme Nucleic Acids	US 11/469,587	US 7,667,017	2010-02-23	2022-07-06
UC- 100 C2	Methods for Synthesizing Mevalonate	US 11/610,690	US 7,622,283	2009-11-24	2021-12-06
UC- 100 D1	Biosynthesis of Isopentenyl Pyrophosphate	US 11/610,337	US 7,622,282	2009-11-24	2021-12-06
UC- 100 D2	Host Cells for Production of Isoprenoid Compounds	US 11/610,686	US 7,736,882	2010-06-15	2022-01-11
UC- 100 D2C1	Host Cells for Production of Isoprenoid Compounds	US 12/576,068	US 7,915,026	2011-03-29	2021-12-06
UC- 100 D2C2	Host Cells for Production of Isoprenoid Compounds	US 13/027,517	US 8,288,147	2012-10-16	2021-12-06
UC- 110	Biosynthesis of Amorpha-4,11-diene	US 10/411,066	US 7,192,751	2007-03-20	2021-12-06
UC- 400	Method for Enhancing Production of Isoprenoid Compounds	US 11/134,705	US 7,183,089	2007-02-27	2025-05-20
UC- 400 C1	Method for Enhancing Production of Isoprenoid Compounds	US 11/624,094	US 7,670,825	2010-03-02	2026-06-21
UC- 400 AU	Method for Enhancing Production of Isoprenoid Compounds	AU 2005327292	AU 2005327292	2011-02-17	2025-05-20
UC- 400 BR	Method for Enhancing Production of Isoprenoid Compounds	BR PI0510115-8			
UC- 400 CA	Method for Enhancing Production of Isoprenoid Compounds	CA 2,567,547	CA 2,567,547	2012-10-23	2025-05-20
UC- 400 EP-DE	Method for Enhancing Production of Isoprenoid Compounds	EP 05857432.8	EP 1765418	2011-12-14	2025-05-20
UC- 400 EP-ES	Method for Enhancing Production of Isoprenoid Compounds	EP 05857432.8	EP 1765418	2011-12-14	2025-05-20
UC- 400 EP-FR	Method for Enhancing Production of Isoprenoid Compounds	EP 05857432.8	EP 1765418	2011-12-14	2025-05-20
UC- 400 EP-GB	Method for Enhancing Production of Isoprenoid Compounds	EP 05857432.8	EP 1765418	2011-12-14	2025-05-20



Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
UC- 400 EP-IE	Method for Enhancing Production of Isoprenoid Compounds	EP 05857432.8	EP 1765418	2011-12-14	2025-05-20
UC- 400 EP-IT	Method for Enhancing Production of Isoprenoid Compounds	EP 05857432.8	EP 1765418	2011-12-14	2025-05-20
UC- 400 JP	Method for Enhancing Production of Isoprenoid Compounds	JP 2007-527501	JP 4,926,061	2012-05-09	2025-05-20
UC- 400 MX	Method for Enhancing Production of Isoprenoid Compounds	MX PA/a/2006/013502	MX 279706	2010-10-05	2025-05-20
UC- 400 VN	Method for Enhancing Production of Isoprenoid Compounds	VN 1-2006-02031	VN 9908	2011-12-15	2025-05-20
UC- 400 ZA	Method for Enhancing Production of Isoprenoid Compounds	ZA 2006/10171	ZA 2006/10171	2008-04-30	2025-05-20
UC- 500 AU	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	AU 2005269556	AU 2005269556	2012-02-09	2025-07-21
UC- 500 BR	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	BR PI0513837-0			
UC- 500 CA	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	CA 2,574,593	CA 2,574,593	2016-07-05	2025-07-21
UC- 500 EP-DE	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	EP 05775484.8	EP 1778831	2012-05-23	2025-07-21
UC- 500 EP-ES	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	EP 05775484.8	EP 1778831	2012-05-23	2025-07-21
UC- 500 EP-FR	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	EP 05775484.8	EP 1778831	2012-05-23	2025-07-21
UC- 500 EP-GB	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	EP 05775484.8	EP 1778831	2012-05-23	2025-07-21
UC- 500 EP-IT	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	EP 05775484.8	EP 1778831	2012-05-23	2025-07-21
UC- 500 JP	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	JP 2007-523676	JP 5590769	2014-08-08	2025-07-21

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UC- 500 MX	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	MX/a/2007/000973	MX 303040	2012-09-04	2025-07-21
UC- 500 US	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	US 11/571,315	US 8,828,684	2014-09-09	2028-10-11
UC- 500 US C1	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	US 14/451,056	US 9,809,829	2017-11-07	2028-02-19
UC- 500 US C2	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	US 15/722,844			
UC- 500 VN	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	VN 1-2007-00356	VN 11485	2013-06-10	2025-07-21
UC- 500 ZA	Genetically Modified Host Cells and Use of Same for Producing Isoprenoid Compounds	ZA 2007/00753	ZA 2007/00753	2008-05-28	2025-07-21
UC- 600 BR	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	BR PI0612411-9			
UC- 600 CA	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	CA 2,613,469	CA 2613469	2014-08-12	2026-06-29
UC- 600 CN	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	CN 200680024666.4	CN ZL200680024666.4	2013-09-04	
UC- 600 CN D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	CN 201310335874.8	CN ZL201310335874.8	2016-08-10	
UC- 600 CN D2	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	CN 201610412819.8			
UC- 600 CN D3	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	CN 201710271576.5			
UC- 600 EP-BG	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29

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UC- 600 EP-CH	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-CZ	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-DE	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-DK	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-ES	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-FR	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-GB	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-IE	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-IT	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-NL	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-PT	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-SE	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29
UC- 600 EP-TR	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 06785959.5	EP 1919514	2012-05-16	2026-06-29

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UC- 600 EP-BG D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 12158465.0	EP 2489672	2017-01-18	2026-06-29
UC- 600 EP-CH D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 12158465.0	EP 2489672	2017-01-18	2026-06-29
UC- 600 EP-DE D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 12158465.0	EP 2489672	2017-01-18	2026-06-29
UC- 600 EP-ES D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 12158465.0	EP 2489672	2017-01-18	2026-06-29
UC- 600 EP-FR D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 12158465.0	EP 2489672	2017-01-18	2026-06-29
UC- 600 EP-GB D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 12158465.0	EP 2489672	2017-01-18	2026-06-29
UC- 600 EP-IE D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 12158465.0	EP 2489672	2017-01-18	2026-06-29
UC- 600 EP-IT D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 12158465.0	EP 2489672	2017-01-18	2026-06-29
UC- 600 EP-TR D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	EP 12158465.0	EP 2489672	2017-01-18	2026-06-29
UC- 600 HK D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	HK 17107981.7			
UC- 600 IL	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	IL 188376	IL 188376	2013-04-01	2026-06-29
UC- 600 IN	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	IN 0527/DELNP/2008	IN 305449	2019-01-08	
UC- 600 IN D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	IN 201718046361			

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UC- 600 JP	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	JP 2008-519611			
UC- 600 KR	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	KR 10-2008-7002992	KR 10-1444090000	2014-09-18	2026-06-29
UC- 600 KR D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	KR 10-2013-7011897	KR 10-14873040000	2015-01-22	2026-06-29
UC- 600 MX	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	MX/a/2008/000200	MX 305636	2012-11-29	2026-06-29
UC- 600 MX D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	MX/a/2012/007818	MX 333465	2015-09-24	
UC- 600 SG	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	SG 200800019-2	SG 138880	2011-11-15	2026-06-29
UC- 600 SG D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	SG 201108140-3	SG 176459	2015-05-26	2026-06-29
UC- 600 US .	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	US 11/917,875	US 8,163,980	2012-04-24	2028-06-26
UC- 600 US D1	Polynucleotides Encoding Isoprenoid-Modifying Enzymes and Methods of Use Thereof	US 13/426,387	US 8,759,632	2014-06-24	2026-06-29
UC-1100 BR	Production of Isoprenoids and Precursors Thereof	BR PI0716954-0			
UC-1100 EP-CH	Production of Isoprenoids and Precursors Thereof	EP 07838895.6	EP 2066778	2016-01-27	2027-09-25
UC-1100 EP-DE	Production of Isoprenoids and Precursors Thereof	EP 07838895.6	EP 2066778	2016-01-27	2027-09-25
UC-1100 EP-DK	Production of Isoprenoids and Precursors Thereof	EP 07838895.6	EP 2066778	2016-01-27	2027-09-25
UC-1100 EP-FR	Production of Isoprenoids and Precursors Thereof	EP 07838895.6	EP 2066778	2016-01-27	2027-09-25
UC-1100 EP-GB	Production of Isoprenoids and Precursors Thereof	EP 07838895.6	EP 2066778	2016-01-27	2027-09-25

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UC-1100 EP-NL	Production of Isoprenoids and Precursors Thereof	EP 07838895.6	EP 2066778	2016-01-27	2027-09-25
UC-1100 EP D1	Production of Isoprenoids and Precursors Thereof	EP 15196123.2			
UC-1100 IN	Production of Isoprenoids and Precursors Thereof	IN 2242/DELNP/2009	IN 271189	2016-02-08	2027-09-25
UC-1100 US	Production of Isoprenoids and Precursors Thereof	US 12/439,812	US 8,257,957	2012-09-04	2027-10-20
GV- 100 BR	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	BR112016008531-0			
GV- 100 CN	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	CN 201480058480.5			
GV- 100 EP	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	EP 14787207.1			
GV- 100 IN	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	IN 201647014032			
GV- 100 IL	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	IL 244929			
GV- 100 JP	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	JP 2016-549636			
GV- 100 MX	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	MX/a/2016/005053			

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GV- 100 SG	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	SG 11201602725U			
GV- 100 US	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	US 15/031,158	US 9,718,741	2017-08-01	2034-10-24
GV- 100 US C1	Cyclopropanation Process Using Diazomethane from N-methyl-N-nitroso-urea provided by solvent extraction	US 15/630,060			
GV- 200 BR	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	BR112016008895-6			
GV- 200 CN	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	CN 201480058481.X	CN ZL201480058481.X	2018-02-06	2034-10-24
GV- 200 EP-CH	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	EP 14796445.6	EP 3060542	2018-02-21	2034-10-24
GV- 200 EP-DE	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	EP 14796445.6	EP 3060542	2018-02-21	2034-10-24
GV- 200 EP-ES	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	EP 14796445.6	EP 3060542	2018-02-21	2034-10-24
GV- 200 EP-FR	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	EP 14796445.6	EP 3060542	2018-02-21	2034-10-24

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GV- 200 EP-GB	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	EP 14796445.6	EP 3060542	2018-02-21	2034-10-24
GV- 200 EP-IT	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	EP 14796445.6	EP 3060542	2018-02-21	2034-10-24
GV- 200 IN	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	IN 201647014077			
GV- 200 IL	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	IL 244928			
GV- 200 JP	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	JP 2016-549637			
GV- 200 MX	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	tba			
GV- 200 SG	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	SG 11201602722Y		2018-08-20	2034-10-24
GV- 200 US	Preparation of Homoallylic Compounds By Reaction of Cyclopropylvinyl Precursors With Brondstedt Acids	US 15/031,132	US 15/031,132	2018-10-24	2034-10-24
KU- 100 JP (non-PCT)	Rubber Composition and Tire	2013-141818	tba	tba	
KU- 100 BR	Rubber Composition and Tire	BR112014007431-3			
KU- 100 CA	Rubber Composition and Tire	2837545	2837545	2014-06-10	



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KU- 100 CN	Rubber Composition and Tire	2.0128E+11	ZL201280039788.6	2016-06-15	
KU- 100 CN 2	Rubber Composition and Tire	201610342576.5			
KU- 100 EP-CZ	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 EP-DE	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 EP-ES	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 EP-FI	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 EP-FR	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 EP-GB	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 EP-IT	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 EP-NL	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 EP-PT	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 EP-SE	Rubber Composition and Tire	12836811.5	2762525	2016-09-14	
KU- 100 IN	Rubber Composition and Tire	2317/CHENP/2014			
KU- 100 JP	Rubber Composition and Tire	2013-502318	5314811	2013-07-12	
KU- 100 KR	Rubber Composition and Tire	2013-7031920	1388404	2014-04-16	
KU- 100 RU	Rubber Composition and Tire	2014112227			
KU- 100 TW	Rubber Composition and Tire	101134698	1471375	2015-02-01	
KU- 100 US	Rubber Composition and Tire	14/125461	8912269	2014-12-16	
KU- 100 US 2	Rubber Composition and Tire	14/537156	9534111	2017-01-03	
KU- 200 JP (non-PCT)	Rubber Composition and Tire	2013-141821			
KU- 200 BR	Rubber Composition and Tire	BR112014007430-5			
KU- 200 CA	Rubber Composition and Tire	2837547	2837547	2014-06-10	
KU- 200 CN	Rubber Composition and Tire	201280039819.8			
KU- 200 CN 2	Rubber Composition and Tire	201510994046.4			
KU- 200 EP-CZ	Rubber Composition and Tire	12835338	2762524	2016-09-14	
KU- 200 EP-DE	Rubber Composition and Tire	12835338	2762524	2016-09-14	
KU- 200 EP-ES	Rubber Composition and Tire	12835338	2762524	2016-09-14	

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KU- 200 EP-FI	Rubber Composition and Tire	12835338	2762524	2016-09-14	
KU- 200 EP-FR	Rubber Composition and Tire	12835338	2762524	2016-09-14	
KU- 200 EP-GB	Rubber Composition and Tire	12835338	2762524	2016-09-14	
KU- 200 EP-IT	Rubber Composition and Tire	12835338	2762524	2016-09-14	
KU- 200 EP-NL	Rubber Composition and Tire	12835338	2762524	2016-09-14	
KU- 200 EP-PT	Rubber Composition and Tire	12835338	2762524	2016-09-14	
KU- 200 EP-SE	Rubber Composition and Tire	12835338	2762524	2016-09-14	
KU- 200 IN	Rubber Composition and Tire	2316/CHENP/2014			
KU- 200 JP	Rubber Composition and Tire	2013-502319	5314812	2013-07-12	
KU- 200 KR	Rubber Composition and Tire	2013-7031921	1414302	2014-06-25	
KU- 200 RU	Rubber Composition and Tire	2014112226			
KU- 200 TW	Rubber Composition and Tire	101134697	1441867	2014-06-21	
KU- 200 US	Rubber Composition and Tire	14/233052	8785542	2014-07-22	
KU- 300 JP (non-PCT)	Rubber Composition and Tire	2013-144020			
KU- 300 BR	Rubber Composition and Tire	BR112014020827-1			
KU- 300 CA	Rubber Composition and Tire	2865378			
KU- 300 CN	Rubber Composition and Tire	201380010563.20	tba	tba	
KU- 300 CN 2	Rubber Composition and Tire	201610743525.3			
KU- 300 EP	Rubber Composition and Tire	13751718.1			
KU- 300 IN	Rubber Composition and Tire	6340/CHENP/2014			
KU- 300 JP	Rubber Composition and Tire	2013-529896	5617040	2014-09-19	
KU- 300 KR	Rubber Composition and Tire	2014-7023404			
KU- 300 RU	Rubber Composition and Tire	2014138498			
KU- 300 TW	Rubber Composition and Tire	102106117	tba	tba	
KU- 300 US	Rubber Composition and Tire	14/380534	9228077	2016-01-05	
KU- 400 JP (non-PCT)	Copolymer, Rubber Composition Using Same, and Tire	2013-171772			

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KU- 400 BR	Copolymer, Rubber Composition Using Same, and Tire	BR112014021695-9			
KU- 400 CA	Copolymer, Rubber Composition Using Same, and Tire	2869390			
KU- 400 CN	Copolymer, Rubber Composition Using Same, and Tire	201380018389.6			
KU- 400 EP	Copolymer, Rubber Composition Using Same, and Tire	13771874.8	2835386	2017-01-11	
KU- 400 IN	Copolymer, Rubber Composition Using Same, and Tire	7394/CHENP/2014			
KU- 400 JP	Copolymer, Rubber Composition Using Same, and Tire	2013-536738	5555814	2014-06-06	
KU- 400 KR	Copolymer, Rubber Composition Using Same, and Tire	2014-7027991			
KU- 400 RU	Copolymer, Rubber Composition Using Same, and Tire	2014140206			
KU- 400 TW	Copolymer, Rubber Composition Using Same, and Tire	102112120			
KU- 400 US	Copolymer, Rubber Composition Using Same, and Tire	14/390581			
KU- 500 JP (non-PCT)	Copolymer, Rubber Composition Using Same, and Tire	2013-171782			
KU- 500 BR	Copolymer, Rubber Composition Using Same, and Tire	BR112014024729-3			
KU- 500 CA	Copolymer, Rubber Composition Using Same, and Tire	2869393			
KU- 500 CN	Copolymer, Rubber Composition Using Same, and Tire	201380018349.1			
KU- 500 EP	Copolymer, Rubber Composition Using Same, and Tire	13772956.2	2835387	2016-12-28	
KU- 500 IN	Copolymer, Rubber Composition Using Same, and Tire	7396/CHENP/2014			
KU- 500 JP	Copolymer, Rubber Composition Using Same, and Tire	2013-536732	5555813	2014-06-06	
KU- 500 KR	Copolymer, Rubber Composition Using Same, and Tire	2014-7027990			

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KU- 500 RU	Copolymer, Rubber Composition Using Same, and Tire	2014140208			
KU- 500 TW	Copolymer, Rubber Composition Using Same, and Tire	102112121			
KU- 500 US	Copolymer, Rubber Composition Using Same, and Tire	14/390660			
KU- 600 JP (non-PCT)	Copolymer, Rubber Composition Using Same, and Tire	2013-150619			
KU- 600 BR	Copolymer, Rubber Composition Using Same, and Tire	BR112014024788-9			
KU- 600 CA	Copolymer, Rubber Composition Using Same, and Tire	2869386			
KU- 600 CN	Copolymer, Rubber Composition Using Same, and Tire	201380018307.8			
KU- 600 EP	Copolymer, Rubber Composition Using Same, and Tire	13771812.8			
KU- 600 IN	Copolymer, Rubber Composition Using Same, and Tire	7393/CHENP/2014			
KU- 600 JP	Copolymer, Rubber Composition Using Same, and Tire	2013-529895	5400989	2013-11-01	
KU- 600 KR	Copolymer, Rubber Composition Using Same, and Tire	2014-7027989			
KU- 600 RU	Copolymer, Rubber Composition Using Same, and Tire	2014140207			
KU- 600 TW	Copolymer, Rubber Composition Using Same, and Tire	102112119			
KU- 600 US	Copolymer, Rubber Composition Using Same, and Tire	14/390637			
KU- 700 CA	Hydrogenated Block Copolymer and Method for Producing Same	2875448			
KU- 700 CN	Hydrogenated Block Copolymer and Method for Producing Same	201380029187.1			
KU- 700 EP	Hydrogenated Block Copolymer and Method for Producing Same	13801356			
KU- 700 JP	Hydrogenated Block Copolymer and Method for Producing Same	2014-519972			

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KU- 700 KR	Hydrogenated Block Copolymer and Method for Producing Same	2014-7034236			
KU- 700 TW	Hydrogenated Block Copolymer and Method for Producing Same	102120232			
KU- 700 US	Hydrogenated Block Copolymer and Method for Producing Same	14/405213	9353201	2016-05-31	
KU- 800 CA	Viscosity Index Improver, Method For Producing Same, and Oil Composition	2888668	2888668	2016-10-18	
KU- 800 CN	Viscosity Index Improver, Method For Producing Same, and Oil Composition	201480002724.8			
KU- 800 EP	Viscosity Index Improver, Method For Producing Same, and Oil Composition	14763262.4			
KU- 800 JP	Viscosity Index Improver, Method For Producing Same, and Oil Composition	2014-533732	5671658	2014-12-26	
KU- 800 KR	Viscosity Index Improver, Method For Producing Same, and Oil Composition	2015-7009928	1552090	2015-09-03	
KU- 800 TW	Viscosity Index Improver, Method For Producing Same, and Oil Composition	103108067			
KU- 800 US	Viscosity Index Improver, Method For Producing Same, and Oil Composition	14/436700			
KU- 900 CA	Laminate, Protective Film and Method for Manufacturing Laminate	2907822			
KU- 900 CN	Laminate, Protective Film and Method for Manufacturing Laminate	201480018428.7			
KU- 900 EP	Laminate, Protective Film and Method for Manufacturing Laminate	14774052.6			
KU- 900 JP	Laminate, Protective Film and Method for Manufacturing Laminate	2015-508268			
KU -900 KR	Laminate, Protective Film and Method for Manufacturing Laminate	2015-7026291			
KU- 900 TW	Laminate, Protective Film and Method for Manufacturing Laminate	103111161			

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
KU- 900 US	Laminate, Protective Film and Method for Manufacturing Laminate	14/779420			
KU-1000 JP (non-PCT)	Rubber Composition, Vulcanized Rubber and Tire	2014-061230			
KU-1100 CN	Resin Composition, Cured Product Obtained by Curing Same, and Optical Adhesive Comprising Resin Composition	201480017895.8			
KU-1100 KR	Resin Composition, Cured Product Obtained by Curing Same, and Optical Adhesive Comprising Resin Composition	2015-7026353			
KU-1100 JP	Resin Composition, Cured Product Obtained by Curing Same, and Optical Adhesive Comprising Resin Composition	2015-508763			
KU-1100 TW	Resin Composition, Cured Product Obtained by Curing Same, and Optical Adhesive Comprising Resin Composition	103111713			
KU-1200 JP	Laminate	2013-120801			
KU-1300	Rubber Composition and Tire				
KU-1300 CA	Rubber Composition and Tire	2921890			
KU-1300 CN	Rubber Composition and Tire	201480046655			
KU-1300 EP	Rubber Composition and Tire	14838208.8			
KU-1300 JP	Rubber Composition and Tire	2015-532821			
KU-1300 KR	Rubber Composition and Tire	2016-7004637			
KU-1300 TW	Rubber Composition and Tire	103127496			
KU-1300 US	Rubber Composition and Tire	14/913638			
KU-1400 CN	Resin Composition, Cured Product Obtained by Curing Same, and Optical Adhesive Comprising Resin Composition	201480052669.3			

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
KU-1400 JP	Resin Composition, Cured Product Obtained by Curing Same, and Optical Adhesive Comprising Resin Composition	2015-538930			
KU-1400 KR	Resin Composition, Cured Product Obtained by Curing Same, and Optical Adhesive Comprising Resin Composition	2016-7007537			
KU-1400 TW	Resin Composition, Cured Product Obtained by Curing Same, and Optical Adhesive Comprising Resin Composition	103111707			
KU-1500 JP	Resin Composition, Cured Product Obtained by Curing Same, and Optical Adhesive Comprising Resin Composition	2013-205552			
KU-1600 CA	Thermoplastic Elastomer Composition and Molded Body	2910534			
KU-1600 CN	Thermoplastic Elastomer Composition and Molded Body	201480031125.9			
KU-1600 EP	Thermoplastic Elastomer Composition and Molded Body	14847738.3			
KU-1600 JP	Thermoplastic Elastomer Composition and Molded Body	2015-508342	5763865	2015-06-19	
KU-1600 KR	Thermoplastic Elastomer Composition and Molded Body	2015-7031120			
KU-1600 TW	Thermoplastic Elastomer Composition and Molded Body	103133849	I535774	2016-06-01	
KU-1600 US	Thermoplastic Elastomer Composition and Molded Body	14/787923			
KU-1700 CA	Polyolefin-Based Resin Composition and Molded Body	2910452			
KU-1700 CN	Polyolefin-Based Resin Composition and Molded Body	201480031015.2			
KU-1700 EP	Polyolefin-Based Resin Composition and Molded Body	14849722.5			

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
KU-1700 JP	Polyolefin-Based Resin Composition and Molded Body	2015-508343	5763866	2015-06-19	
KU-1700 KR	Polyolefin-Based Resin Composition and Molded Body	2015-7031138	tba	tba	
KU-1700 US	Polyolefin-Based Resin Composition and Molded Body	14/888003			
KU-1700 TW	Polyolefin-Based Resin Composition and Molded Body	103133850	1537332	2016-06-11	
KU-1800 JP	Rubber Composition and Tire	2013-210870			
KU-1900 JP	Rubber Composition and Tire	2013-210879			
KU-2000 CA	Sealant	2933261			
KU-2000 CN	Sealant	201480067984.3			
KU-2000 EP	Sealant	14869628.9			
KU-2000 JP	Sealant	2015-552500			
KU-2000 KR	Sealant	2016-7015381			
KU-2000 TW	Sealant	103143347			
KU-2000 US	Sealant	15/103168			
KU-2100 CA	Resin Composition, Molded Article, and Resin Modifier	2932705			
KU-2100 CN	Resin Composition, Molded Article, and Resin Modifier	201480066845.9			
KU-2100 EP	Resin Composition, Molded Article, and Resin Modifier	14869455.7			
KU-2100 JP	Resin Composition, Molded Article, and Resin Modifier	2015-552499			
KU-2100 KR	Resin Composition, Molded Article, and Resin Modifier	2016-7014923			
KU-2100 TW	Resin Composition, Molded Article, and Resin Modifier	103143348			
KU-2100 US	Resin Composition, Molded Article, and Resin Modifier	15/103196			
KU-2200 CA	Thermoplastic Elastomer Composition, Molded Article, and Adhesive Agent	2933267			
KU-2200 CN	Thermoplastic Elastomer Composition, Molded Article, and Adhesive Agent	201480067838.0			
KU-2200 EP	Thermoplastic Elastomer Composition, Molded	14869642			



Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
	Article, and Adhesive Agent				
KU-2200 JP	Thermoplastic Elastomer Composition, Molded Article, and Adhesive Agent	2015-552501			
KU-2200 KR	Thermoplastic Elastomer Composition, Molded Article, and Adhesive Agent	2016-7015435			
KU-2200 TW	Thermoplastic Elastomer Composition, Molded Article, and Adhesive Agent	103143349			
KU-2200 US	Thermoplastic Elastomer Composition, Molded Article, and Adhesive Agent	15/103218			
KU-2300 CA	Aqueous Emulsion, Thin Molded Article, and Method for Producing Thin Molded Article	2938654			
KU-2300 CN	Aqueous Emulsion, Thin Molded Article, and Method for Producing Thin Molded Article	201580007212.5			
KU-2300 EP	Aqueous Emulsion, Thin Molded Article, and Method for Producing Thin Molded Article	15745993.4			
KU-2300 JP	Aqueous Emulsion, Thin Molded Article, and Method for Producing Thin Molded Article	2015-530195	5829782	2015-10-30	
KU-2300 KR	Aqueous Emulsion, Thin Molded Article, and Method for Producing Thin Molded Article	2016-7021158			
KU-2300 TW	Aqueous Emulsion, Thin Molded Article, and Method for Producing Thin Molded Article	104104154			
KU-2300 US	Aqueous Emulsion, Thin Molded Article, and Method for Producing Thin Molded Article	15/116774			
KU-2400 JP	Vulcanized Rubber, Method for Producing Same, and Tire	2014-153908			
KU-2500 JP	Rubber Composition Containing Modified Polyfarnesenes, Tire and Method for Producing Same	2014-163568			

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
KU-2600 JP	Modified Polyfarnesene, Method for Producing Same, Rubber Composition and Tire	2014-163569			
KU-2700 JP	Rubber Composition For Vibration Isolation Structure and Vibratio Isolation Structure Using Same	2014-207470			
KU-2800 PCT	Sealing Material Composition	PCT/JP2015/080271			
KU-2800 TW	Sealing Material Composition	104135394			
KU-2900 JP	Rubber Composition and Tire	2014-225517			
KU-3000 JP	Thermoplastic Elastomer Composition, Crosslinked Material, Molded Article, Part, Weather Seal and Corner Part for Weather Seal	2015-241085			
KU-3100 PCT	Hydrogenated Block Copolymer	PCT/JP2016/053527			
KU-3100 JP	Hydrogenated Block Copolymer	2016-537569			
KU-3100 TW	Hydrogenated Block Copolymer	105104115			
KU-3200 JP	Stretch Material, Film, Nonwoven Fabric	2016-119974			
KU-3300 PCT	Polyfarnesene and Method for Producing Same	PCT/JP2016/068257			
KU-3300 TW	Polyfarnesene and Method for Producing Same	105119847			
KU-3400 JP	Polyfarnesene, Rubber Composition Using Same, and Tire	2015-131237			
KU-3500 JP	Rubber Composition and Tire	2015-131799			
KU-3600 JP	Rubber Composition and Tire	2015-131800			
KU-3700 PCT	Polymer-Coated Particle, Resin Modifier, Rubber Composition and Tire	PCT/JP2016/075087			
KU-3700 TW	Polymer-Coated Particle, Resin Modifier, Rubber Composition and Tire	105127779			
KU-3800 PCT	Polymer-Coated Particle, Resin Modifier, Rubber Composition and Tire	PCT/JP2016/075088			
KU-3800 TW	Polymer-Coated Particle, Resin Modifier, Rubber Composition and Tire	105127780			

Amyris Ref	Title	Application No.	Patent Number	Issue Date	Expiration Date
KE- 100	Materials and Methods for Increasing Isoprenoid Production in Cells	US 10/835,516	US 7,129,392	2006-10-31	2020-07-31
KE- 100 D1	Use of Pseudogene Insertion Sites to Create Novel Traits in Transgenic Organisms	US 11/053,541	US 7,618,819	2009-11-17	2021-04-05
KE- 100 D2	Manipulation of Genes of the Mevalonate and Isoprenoid Pathways to Create Novel Traits in Transgenic Organisms	US 14/086,729	US 8,999,682	2015-04-07	2020-07-31

**Notes:**

The AM-6400 patent family is co-owned by Amyris and Total; all other AM patent families are owned by Amyris.

AR-100 patent families are in-licensed from Arkion (Bio-Technical Resources Division of Arkion Life Sciences LLC)

UC patent families are in-licensed from University of California

GV patent families are co-owned by Givaudan and Amyris

KU patent families are co-owned by Kuraray and Amyris

KE patent families are in-licensed from Kuehnle Agrosystems LLC